

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Jae-hyun JUNG et al.

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: October 24, 2003

Examiner: Unassigned

For: COMA ABERRATION CORRECTING APPARATUS FOR OPTICAL PICKUP

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of IDS citations.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
  - 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is  
  
(Check appropriate Items 2a, 2b, 2c and/or 2d)
  - 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
  - 2b. ☐ set forth in the application.

- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: October 24, 2003  
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By: 

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. <b>1572.1142</b>	APPLICATION NO. <b>Unassigned</b>
<b>LIST OF REFERENCES CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR <b>Jae-hyun JUNG et al.</b>	
		FILING DATE <b>October 24, 2003</b>	GROUP ART UNIT <b>Unassigned</b>

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA	5,623,466	04/22/97	Itonaga			
AB	5,699,340	12/16/97	Lee et al.			
AC						
AD						
AE						
AF						

### FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
AG	EP 0 820 056 A1	01/21/98	Europe		X	
AH	11-238246	08/31/99	Japan			X
AI	11-250491	09/17/99	Japan			X
AJ	2002-15435	01/18/02	Japan			X
AK	0171493	10/20/98	Korea			X
AL	10-0188931	01/14/99	Korea			X
AM	10-0230250	08/23/99	Korea			X
AN	1996-0032345	09/17/96	Korea			X
AO	1999-0037764	05/25/99	Korea			X
AP	2000-0047946	07/25/00	Korea			X
AQ	2002-0004818	01/16/02	Korea			X

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

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	FIRST NAMED INVENTOR <b>Jae-hyun JUNG et al.</b>	
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### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	AR	2002-0020240	03/14/02	Korea				X
	AS	2002-0028003	04/15/02	Korea				X
	AT	2002-0071817	09/13/02	Korea				X
	AU							
	AV							
	AW							

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AX	
	AY	
	AZ	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO. 1572.1142	APPLICATION NO. Unassigned
	FIRST NAMED INVENTOR Jae-hyun JUNG et al.	
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References AH-AT - as presently advised, References AH -AT relates generally to "The Coma Aberration Correcting Apparatus For Optical Pickup."